

What is Claimed is:

1. A porous material for channeling ink located in an ink compartment of an ink cartridge, characterized in a body which has a protrusive bottom surface squeezed by the ink cartridge
5 to form an ink gathering zone which has a higher local porosity.
2. The porous material of claim 1, wherein the bottom surface is located according to where an inkjet head is located.
3. The porous material of claim 1, wherein the body of the
10 porous material consists of rectangular elements and is formed stepwise.
4. The porous material of claim 1, wherein the body of the porous material is selectively formed in a trapezoid, U-shape or a wedge shape.
- 15 5. The porous material of claim 1, wherein the distance between a top surface and the bottom surface of the porous material is greater than the height of the ink cartridge.
6. An ink cartridge contained porous material comprising a porous material for containing ink,
20 wherein the porous material has a body which has a protrusive bottom surface squeezed by the ink cartridge to form an ink gathering zone that has a higher porosity locally.
7. The ink cartridge of claim 6, wherein the bottom surface is located according to where an inkjet head is located.
- 25 8. The ink cartridge of claim 6, wherein the body of the

porous material consists of rectangular elements and is formed stepwise.

9. The ink cartridge of claim 6, wherein the body of the porous material is selectively formed in a trapezoid, U-shape
5 or a wedge shape.

10. The ink cartridge of claim 6, wherein the distance between a top surface and the bottom surface of the porous material is greater than the height of the ink cartridge.

11. A method for channeling ink in an ink cartridge through
10 porous material, comprising steps of:

providing a porous material which has a body, the body having a protrusive bottom surface; and

housing the porous material in the ink cartridge to contain ink, the bottom surface being squeezed by the ink
15 cartridge to form an ink gathering zone of a higher local porosity to distribute capillary force such that the capillary force decreases gradually from the bottom surface to remote ends and the ink in the ink cartridge converges to the ink gathering zone because of the distribution of the capillary
20 force.

12. The method of claim 11, wherein the bottom surface is located according to where an inkjet head is positioned.

13. The method of claim 11, wherein the body of the porous material consists of rectangular elements and is formed
25 stepwise.

14. The method of claim 11, wherein the body of the porous material is selectively formed in a trapezoid, U-shape or a wedge shape.
15. The method of claim 11, wherein the distance between a
5 top surface and the bottom surface of the porous material is greater than the height of the ink cartridge.